

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/00185

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ D04H3/16, B01D39/14, D06M10/00, D06M11/05, D06M23/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ D04H3/16, B01D39/14, D06M10/00, D06M11/05, D06M23/06

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Kokai Jitsuyo Shinan Koho	1971-2002	Jitsuyo Shinan Toroku Koho	1996-2002

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPIL D04H3/16, D06M10/00, D01F11/00

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/027371 A1 (3M INNOVATIVE PROPERTIES CO.), 19 April, 2001 (19.04.01), Full text; Figs. 1 to 3 & US 6375886 A & JP 2003-511577 A	1-9
P, A	JP 2002-161467 A (Toray Industries, Inc.), 04 June, 2002 (04.06.02), Full text; Figs. 1 to 3 (Family: none)	1-9

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:
 "A" document defining the general state of the art which is not considered to be of particular relevance
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 "P" document published prior to the international filing date but later than the priority date claimed

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 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search
28 March, 2003 (28.03.03)

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15 April, 2003 (15.04.03)

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Japanese Patent Office

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